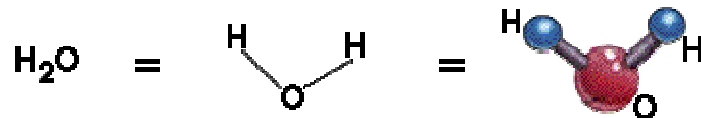


WHAT IS pH

This is a rough measure the acidity of a solution. The "p" stands for "potenz" (this means *the potential to be*) and the "H" stands for *Hydrogen*.

The Water Molecule All substances are made up of millions of tiny **atoms**. These atoms form small groups called **molecules**. In water, for example, each molecule is made up of two hydrogen atoms and one oxygen atom. The formula for a molecule of water is **H₂O**. "H" means *hydrogen*, "2" means *2 hydrogen atoms*, and the "O" means *oxygen*.



Acids and bases in water. When an acid is poured into water, it gives up H (hydrogen) to the water. When a base is poured into water, it gives up OH (hydroxide) to the water.

